



Tentamus Group Services for Agrosiences



Agrosciences Services

Tentamus laboratories across the globe provide clients in agrochemical, life-science and biotechnology industries with a range of services to meet their regulatory and scientific demands.

Our laboratories are inspected and accredited by EPA and GLP compliance authorities in US, Europe, Greater China and Israel.

We conduct our studies for regulatory requirements of US, European authorities, REACH, JMAFF, PMRA, WHO/FAO and follow a wide range of international guidelines.

Plant & Animal Metabolism

- ¹⁴C-licensed & AAALAC-accredited Animal Facility for in-Life Phase
- Greenhouses & Outdoor Facilities with ¹⁴C-License
- Confined & Field Rotational Crops
- Bio-Concentration/ -Accumulation in Fish
- Metabolite Identification
- Capillary Electrophoresis-MS for Charged & Polar Metabolites

Physical & Chemical Characterization

- Chemical & Physical Compatibility & Miscibility
- Development & Validation of Methods for Technical Grade & Formulated Products
- Effectiveness of Cleaning Procedures
- Physical & Chemical Analysis of Technical Grade & Formulated Products (EC Methods, CIPAC Handbook Series, OECD & OPPTS Series)
- Risk Studies for Transport & Storage
- Stability Studies

Environmental Fate & Biodegradation

- Biodegradation in Variety of Matrices
- Field Dissipation
- Hydrolysis
- Metabolism
- Mobility
- Non-Guideline Studies with Unique Adaptation
- Photo degradation

Magnitude of Residues

- Livestock Feeding Studies at our Animal Facility
- MOR Studies: In-Life Coordination, Analytical in-House
- Residue Studies
- Storage Stability of Residues

Method Development & Validation

- 5-Batch Analyses
- Active Ingredient, Formulated Product
- Certification of Analysis
- Development and Validation of Single & Multi-Residue Analysis Methods
- Enforcement Methods, Radio-Validation
- Screening: Purity & Impurity Profile of the Active Substance

Additional Capabilities

- Biological Pesticides: Active Compounds Separation & Identification
- Human Exposure Assessment
- Regulatory Strategy & Risk Modeling/ Mitigation
- Technical Support & Analytical Dossier for Bio Pesticides



Tentamus[®]
Labs for Life

Get in touch with Tentamus
Our team of experts is ready to discuss your requirements

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